

- 14 -

CLAIMS

1. A corrugated fiberboard sheet composed of three kinds of paperboards that are an outer paperboard, a corrugating medium and an inner paperboard, said paperboards each being comprised of not less than three layers of raw material mainly of wastepaper, all the layers of each of said paperboards being given a waterproofing treatment, and a ratio of incorporation of a fungusproofing agent and positions of incorporation satisfying (1) a ratio of incorporation of the fungusproofing agent in outermost layers of the outer paperboard and the inner paperboard being in a range of 1 to 4%, (2) a ratio of incorporation of the fungusproofing agent in innermost layers of the outer paperboard and the inner paperboard being in a range of 0.5 to 4% and (3) a ratio of incorporation of the fungusproofing agent in opposite outermost layers of the corrugating medium being in a range of 0.5 to 4%.

2. A corrugated fiberboard sheet according to claim 1, further furnished on surfaces of the outermost layers of said outer paperboard and said inner paperboard each with a coating layer having a solid component of a water-repelling agent deposited in an amount of 0.1 to 2.0 g/m².

3. A method for the production of a corrugated fiberboard sheet comprised of an outer paperboard, a corrugating medium and an inner paperboard, comprising the steps of:

causing slurry of a raw material formed mainly of wastepaper to have a waterproofing agent and a fungusproofing agent incorporated therein so as to satisfy (1) a ratio of incorporation of the fungusproofing agent in outermost layers of the outer paperboard and the inner paperboard being in a range of 1 to 4%, (2) a ratio of incorporation of the fungusproofing agent in innermost layers of the outer paperboard and the inner paperboard being in a range of 0.5 to 4% and (3) a ratio of incorporation of the fungusproofing agent in opposite outermost layers of the corrugating medium being in a range of 0.5 to 4%;

paper-making the slurry so as to form the outer paperboard, corrugating medium and inner paperboard; and

putting the three kinds of paperboards into a corrugated fiberboard sheet using a

- 15 -

corrugating machine.

4. A method according to claim 3, wherein said outer paperboard and said inner paperboard are each furnished on surfaces of outermost layers thereof each with a coating layer having a solid content of a water-repelling agent deposited in an amount of 0.1 to 2.0 g/m².